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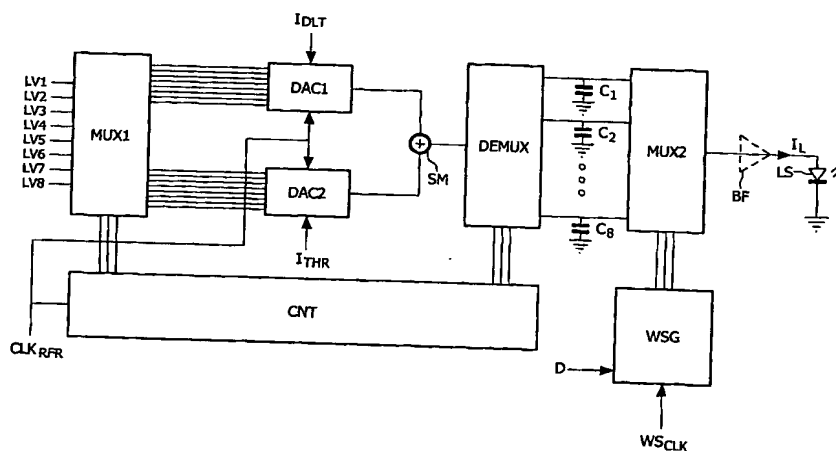
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(54) Title: MEANS/METHOD FOR GENERATING A LASER DRIVE SIGNAL



(57) Abstract: A driver for driving a light generator for generating light, comprising a digital-to-analog converter (DAC) having a data input, a data output for generating an analog signal, a first multiplexer (MUX1) for cyclic selection of a number of data levels corresponding to desired intensity levels of the light and for coupling the data levels to the data input; a de multiplexer (DE-MUX) for temporarily storing the set of analog signals; and a second multiplexer (MUX2) for selection of the stored set of analog signals and for generating a drive signal (I_L) for the light generator. The memory means is preferably implemented by a set of capacitors (C₁ - C₈). Usually, for instance in an optical disc drive, the light generator is implemented by a laser (L_S). In this situation the data input of the digital-to-analog converter comprises a threshold data input part; a delta data input part; a threshold gain reference input associated with the threshold data input part; and a delta gain reference input associated with the delta data input part. So in fact the DAC is split into two parts (DAC 1 and DAC2) for separate threshold power and delta power control of the laser (L_S).



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